



Chembond Water Technologies

# KEM WATREAT R 442

(Microbiocide)

## INTRODUCTION

KEM WATREAT R 442 microbiocide is a broad-spectrum antimicrobial product designed specifically for control of bacteria, fungi and algae in industrial recirculating cooling water systems such as cooling towers, membrane treatment, pasteurizers, air washers and evaporative condensers and for use as a preservative in aqueous metalworking fluids.

KEM WATREAT R 442 is an effective microbiocide for controlling slime forming bacteria, sulfate reducing bacteria, yeast and fungi in oil field injection water and other oil field water systems.

### **KEM WATREAT R 442 provides:**

Broad spectrum control of microorganisms in cooling water systems, metalworking fluids and oil field injection waters.

Easy handling as a liquid form.

Effectiveness at low concentrations.

Resistance to the inhibitory effect of organic and inorganic compounds.

Decomposition in the aquatic environment.

## TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Colourless liquid

Odor : None

pH : Acidic (neat)

Specific Gravity : 1.05 - 1.10

Solubility : Water soluble in all proportions

## DOSAGE

The dosage of Kem Watreat R 442 required for a specific application will depend upon a number of factors including: the nature and extent of the microbiological contamination, the type and volume of the system being treated, the degree of control desired, and retention time in the system. Where necessary, CWTL representative will help you to decide most suitable dose based on system details and specific site problems.

## APPLICATION

Widely used in Reverse Osmosis and Industrial Recirculating Cooling Water systems. The amount of antimicrobial required will depend on the nature and extent of contamination, quality of the makeup water, and the degree of control required.

## PACKAGING

KEM WATREAT R 442 microbiocide is available in various pack sizes including carbuoys, drums, bulk and semibulk containers etc.

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